

# SAFETY DATA SHEET

## M. Graham Co<sup>®</sup> Acrylic Mediums

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### 1. Identification of the Preparation and of The Company

Product Name and/or code: M. Graham Co<sup>®</sup> Acrylic Mediums  
Effective Date: 10/30/2020 Revised 3/24/2023  
Manufacturer: M Graham & Co  
PO Box 404  
Hubbard OR 97032  
Information Contact: 503-656-6761  
Emergency Contact: Poison Control Center 800-822-1222  
Product Use: **ART MATERIAL - CONSUMER PRODUCT.** Artist professional products and mediums. For application with brush to a substrate. Not intended for spray application, sanding, or other operations which generate dust or airborne concentrations.

### 2. Hazards Identification

#### Emergency Overview

#### Non-Hazardous

*Classification of the Product:*

#### Label Elements

Hazard Pictograms

Signal Word

Hazard Statement

Precaution Statement:

Children's Statement

NFPA

HMIS

Regulation (EC) No. 1272/2008 (CLP)

**Conforms to ASTM D-4236**

No pictograms are required for the mixture.

No signal word is required.

This product is non-hazardous, thus no specific hazard warning is required.

Wash thoroughly after handling.

**KEEP OUT OF THE REACH OF CHILDREN.**

Health: 0

Flammability: 0

Reactivity : 0

Health : 0

Flammability: 0

Physical Hazard: 0

Not classified as dangerous for supply/use.

### 3. Composition/Information on Ingredients:

#### Substances:

Mixture of the following chemicals: Proprietary Ingredients (Mixture)

*Proprietary ingredients (Mixture) present at less than 100% are non-hazardous, thus no hazard classification is required.*

*Regulation (EC) No. 1272/2008 (CLP)*

*Ingredients are marked according to CLP Regulation (CLP-Regulation (EC) No 1272/2008) and no workplace-related occupational exposure limits are specified for any of the listed ingredients. These ingredients are regarded as trade secrets.*

### 4. First Aid Measures

Inhalation If affected, remove to fresh air.

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## M. Graham Co<sup>®</sup> Acrylic Mediums

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Skin Contact	Wash the affected area thoroughly with plenty of soap and water.
Eye Contact	Carefully flush with water for 15 minutes. If irritation occurs, contact a physician.
Ingestion	Do not induce vomiting. Contact a physician immediately.

### 5. Firefighting Measures

Extinguishing Media	Water, foam, carbon dioxide or dry chemical equipment.
Fire/Explosion Hazards	This product is not known to present any fire hazard.
Flashpoint/Flammability	Not flammable.

### 6. Accidental Release Measures

Methods and Materials for Containment and Cleaning up	Contain spill. Recover as much as possible. Absorb remainder with an inert material. Place into closed container and store in a safe location to await disposal. Wash the spill area with soap and water.
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### 7. Handling and Storage

Safe Handling	Use under ventilated conditions. Avoid eye and skin contact. For personal protection, we recommend that employees wash thoroughly after handling product. Always wash before eating, smoking or using toilet facilities. Keep container closed when not in use. Keep container upright to prevent leakage.
Environmental precautions	No product should be released to the environment. Keep container closed when not in use. Keep container upright to prevent leakage.
Storage	Store between 50-100 deg. F., ideally 70 deg. F.

### 8. Exposure Controls/Personal Protection

Personal Protective Equipment	Wear goggles where spills or splashing may occur. Wear water resistant impervious gloves if handling bulk amounts.
Exposure Limits	None known for this mixture.
Respiratory and Ventilation	Wear approved NIOSH/MSHA respirator if exposure to mist or vapor exceed applicable PEL/TLV limits. Use in accordance with manufacturer's use limitations and OSHA STANDARD 1910-34. Local ventilation may be used to prevent routine inhalation.
Skin Protection	Wear water resistant impervious gloves if handling bulk amounts.
Eye Protection	Wear goggles where spills or splashing may occur.

### 9. Physical and Chemical Properties

Appearance	Free flowing
Physical State	Liquid
Color	Milky color
Odor	Not determined

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M. Graham Co<sup>®</sup> Acrylic Mediums

Odor Threshold	Not determined
Boiling Point	Not determined
Freezing Point	Not determined
State (pH)	9
Specific Gravity	Not determined
Viscosity	Free flowing
Flashpoint	Not flammable
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Solubility in water	Miscible

**10. Stability and Reactivity**

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	None known.
Incompatible materials	None known.
Hazardous Decomposition Products	No dangerous decomposition products known. Decomposition products depend on conditions.

**11. Toxicological Information**

*Studies have not been performed on this particular mixture.*

**When used and handled according to specifications, the product is not expected to have any harmful effects.**

Health Effects	None known for the usual and ordinary uses of this product.
Acute Toxicity	None known for this mixture.
Eye Effects	None known for this mixture.
Skin Effects	None known for this mixture.
Inhalation	None known for this mixture.
Sensitization	None known for this mixture.
Ingestion	None known for this mixture.
Chronic Effects	None known for this mixture.
<u>Additional toxicological information:</u>	When used and handled according to specifications, the product is not expected to have any harmful effects according to past experience and the information provided.
<u>NTP</u>	Not applicable to mixture.
<u>IARC</u>	Not applicable to mixture.
<u>ACGIH</u>	Not applicable to mixture.
<u>OSHA</u>	Not applicable to mixture.

**12. Ecological Information**

Toxicity:	Not expected to be harmful to the environment. No product should be released to the environment. It is not expected to have significant environmental effects. No significant effects on aquatic organisms are expected.
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## M. Graham Co<sup>®</sup> Acrylic Mediums

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Aquatic toxicity	No information available.
Persistence and degradability	No information available.
Bioaccumulate potential	No information available.
Mobility in soil	No information available.
<i>PBT and vPvB</i>	This mixture is not PBT/vPvB.
Additional ecological information	As a general rule, no product should be released to the environment. The product should not be allowed to enter drains, water courses, or be deposited where it can affect ground or surface water.

### 13. Disposal Considerations

Dispose of all waste material in accordance with all applicable federal, state and local regulations for the disposal of aqueous polymer waste.

### 14. Transport Information

This product is not hazardous for shipping via any mode.

**DOT** This regulation does not apply to the non-bulk material.

**IMDG** This regulation does not apply to the non-bulk material.

**ICAO/IATA** This regulation does not apply to the non-bulk material.

*This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the materials.*

### 15. Regulatory Information


Safety, health and environmental regulations/legislation specific for the substance or mixture.

**SARA** Not applicable to this mixture.

Section 355 (extremely hazardous substances) Not applicable to this mixture.

Section 313 (specific toxic chemical listing) Not applicable to this mixture.

TSCA (Toxic Substance Control Act) All ingredients are listed.

**California Proposition 65**  **WARNING:** This product can expose you to ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Carcinogenicity categories Not applicable to this mixture.

EPA (Environmental Protection Agency) Not applicable to this mixture.

TLV (Threshold Limit Value established by ACGIH) Not applicable to this mixture.

NIOSH (National Institute for Occupational Safety & Health) Not applicable to this mixture.

OSHA (Occupational Safety & Health Administration) Not applicable to this mixture.

MAK (German Maximum Workplace Concentration) Not applicable to this mixture.

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<b>16. Other Information</b>	
<i>Product List</i>	
<b>Product No. &amp; Product Description</b>	
	43-450 Gloss Medium
	43-460 Matte Medium

Reason for Issue: New SDS  
 Prepared by: ENVIRONMENTAL MEDICINE, INC.  
 778 Carver Avenue  
 WESTWOOD, NJ 07675  
 jaegerr@envmed.com  
 201-666-7929 x13

The information contained in this Safety Data Sheet was compiled using the latest and most reliable information available to the preparer from the manufacturer. The information is provided without any warranty, express or implied regarding its correctness or accuracy nor will the manufacturer assume any liability for any loss or damage arising out of the use of this information including without limitation direct or indirect losses or expenses. To the extent permitted by law, no warranty expressed or implied regarding the product described herein shall be created by or inferred from any state or omission for this SDS. It is solely the responsibility of the user to determine safe conditions for use of this product and to assume liability for any loss, damage or expense whatsoever arising out of the product's improper use.

***Abbreviations and acronyms:***

**NFPA (SCALE 0-4) National Fire Protection**

**Association (USA)**

Health: 0 No unusual hazard.  
 Fire: 0 No combustible.  
 Reactivity: 0 Not reactive when mixed with water.

**HMIS (SCALE 0-4) Hazardous Materials**

**Identification System (USA)**

Health: 0 **Minimal Hazard.** No significant risk to health.  
 Fire: 0 **Minimal Hazard.** Materials that will not burn.  
 Physical Hazard: 0 **Minimal Hazard.** Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-explosives.

## M. Graham Co® Artist Acrylics

*Non-Hazardous Colors***1. Identification of the Preparation and of The Company**

Product Name and/or code:	M. Graham Co® Artist Acrylics
Effective Date:	31-Aug-20
Manufacturer:	M Graham & Co PO Box 404 Hubbard OR 97032
Information Contact:	503-656-6761
Emergency Contact:	Poison Control Center 800-822-1222
Product Use:	<b>ART MATERIAL - CONSUMER PRODUCT.</b> Artist professional products, pigment dispersions and mediums. For application with brush to a substrate. Not intended for spray application, sanding, or other operations which generate dust or airborne concentrations.

**2. Hazards Identification****Emergency Overview****Non-Hazardous***Classification of the Product:***Label Elements**

Hazard Pictograms

Signal Word

Hazard Statement

Precaution Statement:

Children's Statement

NFPA

HMIS

Regulation (EC) No. 1272/2008 (CLP)

**Conforms to ASTM D-4236**

No pictograms are required for the mixture.

No signal word is required.

This product is non-hazardous, thus no specific hazard warning is required.

Do not ingest. Do not spray apply. Do not sand dry film. Wash thoroughly after handling.

**KEEP OUT OF THE REACH OF CHILDREN.**

Health: 0

Flammability: 0

Reactivity : 0

Health : 0

Flammability: 0

Physical Hazard: 0

Not classified as dangerous for supply/use.

**3.Composition/Information on Ingredients:****Substances:**

Mixture of the following chemicals:

Proprietary Ingredients (Mixture ) &lt; 90%

Proprietary Pigment (Mixture) &lt; 20%

*Proprietary ingredients (Mixture) present at less than 90% are non-hazardous, thus no classification is required.**Regulation (EC) No. 1272/2008 (CLP)**Ingredients are marked according to CLP Regulation (CLP-Regulation (EC) No 1272/2008) and no workplace-related occupational exposure limits are specified for any of the listed ingredients. These ingredients are regarded as trade secrets.***4. First Aid Measures**

Inhalation

If affected, remove to fresh air.

## M. Graham Co® Artist Acrylics

*Non-Hazardous Colors*

Skin Contact	Wash the affected area thoroughly with plenty of soap and water.
Eye Contact	Carefully flush with water for 15 minutes. If irritation occurs, contact a physician.
Ingestion	Do not induce vomiting. Contact a physician immediately.

**5. Firefighting Measures**

Extinguishing Media	Water, foam, carbon dioxide or dry chemical equipment.
Fire/Explosion Hazards	This product is not known to present any fire hazard.
Flashpoint/Flammability	Not flammable

**6. Accidental Release Measures**

Methods and Materials for Containment and Cleaning up	Contain spill. Recover as much as possible. Absorb remainder with an inert material. Place into closed container and store in a safe location to await disposal. Wash the spill area with soap and water.
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**7. Handling and Storage**

Safe Handling	Use under ventilated conditions. Avoid eye and skin contact. For personal protection, we recommend that employees wash thoroughly after handling product. Always wash before eating, smoking or using toilet facilities. Keep container closed when not in use. Keep container upright to prevent leakage.
Environmental precautions	No product should be released to the environment. Keep container closed when not in use. Keep container upright to prevent leakage.
Storage	Store between 50-100 deg. F., ideally 70 deg. F.

**8. Exposure Controls/Personal Protection**

Personal Protective Equipment	Wear goggles where spills or splashing may occur. Wear water resistant impervious gloves if handling bulk amounts.
Exposure Limits	None known for this mixture.
Respiratory and Ventilation	Wear approved NIOSH/MSHA respirator if exposure to mist or vapor exceed applicable PEL/TLV limits. Use in accordance with manufacturer's use limitations and OSHA STANDARD 1910-34. Local ventilation may be used to prevent routine inhalation.
Skin Protection	Wear water resistant impervious gloves if handling bulk amounts.
Eye Protection	Wear goggles where spills or splashing may occur.

**9. Physical and Chemical Properties**

Appearance	Paste
Physical State	Thick liquid
Color	Various
Odor	Not determined
Odor Threshold	Not determined
Boiling Point	Not determined
Freezing Point	Not determined

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## Non-Hazardous Colors

State (pH)	Not determined
Specific Gravity	Not determined
Viscosity	Paste
Flashpoint	Not flammable
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Solubility in water	Miscible

### 10. Stability and Reactivity

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical Stability Stable under recommended storage conditions.

Conditions to Avoid None known.

Incompatible materials None known.

Hazardous Decomposition Products No dangerous decomposition products known. Decomposition products depend on conditions.

### 11. Toxicological Information

*Studies have not been performed on this particular mixture (all colors).*

When used and handled according to specifications, the product does not have any harmful effects.

Health Effects None known for the usual and ordinary uses of this product.

Acute Toxicity None known for this mixture.

Eye Effects None known for this mixture.

Skin Effects None known for this mixture.

Inhalation None known for this mixture.

Sensitization None known for this mixture.

Ingestion None known for this mixture.

Chronic Effects None known for this mixture.

Additional toxicological information: When used and handled according to specifications, the product does not have any harmful effects according to past experience and the information provided.

NTP Not applicable to mixture

IARC Not applicable to mixture

ACGIH Not applicable to mixture

OSHA Not applicable to mixture

### 12. Ecological Information

Toxicity: Not expected to be harmful to the environment. No product should be released to the environment. It is not expected to have significant environmental effects. No significant effects on aquatic organisms are expected.

Aquatic toxicity No information available.

Persistence and degradability No information available.

Bioaccumulate potential No information available.

Mobility in soil No information available.

*PBT and vPvB* This mixture is not PBT/vPvB



## M. Graham Co® Artist Acrylics

*Non-Hazardous Colors*

Additional ecological information

As a general rule, no product should be released to the environment. The product should not be allowed to enter drains, water courses, or be deposited where it can affect ground or surface water.

**13. Disposal Considerations**

Dispose of all waste material in accordance with all applicable federal, state and local regulations for the disposal of aqueous polymer waste.

**14. Transport Information**

This product is not hazardous for shipping via any mode.

DOT

This regulation does not apply to the non-bulk material.

IMDG

This regulation does not apply to the non-bulk material.

ICAO/IATA

This regulation does not apply to the non-bulk material.

*This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the materials.*

**15. Regulatory Information**

Safety, health and environmental regulations/legislation specific for the substance or mixture.

SARA


Not applicable to this mixture.

Section 355 (extremely hazardous substances) Not applicable to this mixture.

Section 313 (specific toxic chemical listing) Not applicable to this mixture.

TSCA (Toxic Substance Control Act) All ingredients are listed.

**California Proposition 65**

 **WARNING:** This product can expose you to chemicals including ethylene oxide, ethyl acrylate, trace heavy metals, hexachlorobenzene, polychlorinated biphenyls, which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Carcinogenicity categories Not applicable to this mixture.

EPA (Environmental Protection Agency) Not applicable to this mixture.

TLV (Threshold Limit Value established by ACGIH) Not applicable to this mixture. Refer to section 8 for further information on individual substances of this mixture.

NIOSH (National Institute for Occupational Safety & Health) Not applicable to this mixture.

OSHA (Occupational Safety & Health Administration) Not applicable to this mixture.

MAK (German Maximum Workplace Concentration) Not applicable to this mixture.

**16. Other Information****Product List****Product No. & Color Description****Product No. & Color Description**

010 Alizarin Crimson

154 Pyrrol Red

012 Anthraquinone Blue

155 Quinacridone Red

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## Non-Hazardous Colors

014 Anthraquinone Red	156 Quinacridone Rose
016 Azo Green	158 Quinacridone Violet
020 Burnt Sienna	160 Raw Sienna
030 Burnt Umber	170 Raw Umber
100 Dioxazine Purple	174 Sap Green
107 Hansa Yellow	179 Terra Rosa
109 Indian Yellow	180 Titanium White
110 Ivory Black	186 Tans Orange Iron Oxide
112 Lamp Black	187 Trans Red Iron Oxide
114 Manganese Blue	188 Trans Yellow Iron Oxide
115 Mars Black	189 Turquoise
120 Naphthol Red	190 Ultramarine Blue
125 Olive Green	193 Ultramarine Violet
128 Paynes Gray	195 Viridian
130 Permanent Green Lt	200 Yellow Ochre
140 Phthalocyanine Blue	205 Zinc White
150 Phthalocyanine Green	018 Azo Yellow
153 Prussian Blue	108 Hookers Green
	121 Naples Yellow

Reason for Issue:

New SDS

Prepared by:

Rudolph J. Jaeger, Ph.D., DABT, ERT (UK)  
Chief Toxicologist and President  
ENVIRONMENTAL MEDICINE, INC.  
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The information contained in this Safety Data Sheet was compiled using the latest and most reliable information available to the preparer from the manufacturer. The information is provided without any warranty, express or implied regarding its correctness or accuracy nor will the manufacturer assume any liability for any loss or damage arising out of the use of this information including without limitation direct or indirect losses or expenses. To the extent permitted by law, no warranty expressed or implied regarding the product described herein shall be created by or inferred from any state or omission for this SDS. It is solely the responsibility of the user to determine safe conditions for use of this product and to assume liability for any loss, damage or expense whatsoever arising out of the product's improper use.

### Abbreviations and acronyms:

#### NFPA (SCALE 0-4) National Fire Protection Association (USA)

Health: 0

No unusual hazard.

Fire: 0

No combustible.

Reactivity: 0

Not reactive when mixed with water.

#### HMIS (SCALE 0-4) Hazardous Materials Identification System (USA)

Health: 0

**Minimal Hazard.** No significant risk to health.

Fire: 0

**Minimal Hazard.** Materials that will not burn.

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M. Graham Co<sup>®</sup> Artist Acrylics

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*Non-Hazardous Colors*

Physical Hazard: 0

**Minimal Hazard.** Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-explosives.

### Exposure Limits

TWA - Time Weighted Average (8 hr.)

STEL - Short Time Exposure Limit (15 min.)

REL - Recommended Exposure Limit

PEL - Permissible Exposure Limit

IDLH - Immediately Dangerous to Life or Health

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*Colors Containing Hazardous Compounds*

## 1. Identification of the Preparation and of The Company

Product Name and/or code: M. Graham Co® Artist Acrylics  
Effective Date: 31-Aug-20  
Manufacturer: M Graham & Co  
PO Box 404  
Hubbard OR 97032  
Information Contact: 503-656-6761  
Emergency Contact: Poison Control Center 800-822-1222  
Product Use: **ART MATERIAL - CONSUMER PRODUCT.** Artist professional products, pigment dispersions and mediums. For application with brush to a substrate. Not intended for spray application, sanding, or other operations which generate dust or airborne concentrations.

## 2. Hazards Identification

### *Emergency Overview*

***Warning! Harmful if swallowed. Harmful or fatal if ingested. May cause skin irritation and allergic reaction.***

*Classification of the Product:*

### **Label Elements**

Hazard Pictograms

Conforms to ASTM D-4236



GHS08



GHS07



GHS09

Signal Word

**WARNING!**

Hazard Statement

Colors containing Cadmium and Cadmium compounds (Pigment mixture): Cancer hazard. Dried film of this paint may be harmful if eaten or chewed. Harmful if swallowed.

Colors containing Cobalt and Cobalt compounds (Pigment mixture): Cancer hazard. Dried film of this paint maybe harmful if eaten or chewed. Harmful if ingested.

Precaution Statement:

Do not ingest. Do not expose to direct flame. Handle with care. Avoid eye and skin contact. Wash thoroughly after handling. Do not eat or smoke while using this product. Wear gloves. Use with adequate ventilation.

Children's Statement

**KEEP OUT OF THE REACH OF CHILDREN.**

NFPA

Health: 3 - *Cadmium* 2 - *Cobalt*

Flammability: 0

Reactivity : 0

HMIS

Health : 2

Flammability: 0

Physical Hazard: 0

Regulation (EC) No. 1272/2008 (CLP)

***Studies have not been performed on this particular mixture. The information below is based on data on the individual hazardous ingredient.***

*Colors Containing Hazardous Compounds*

**Cadmium Compounds:** May cause cancer (H330); Causes damage to organs through prolonged or repeated exposure (H372); Suspected of causing genetic effects (H341); Suspected of damaging fertility or the unborn child (H361); May cause respiratory irritation (H335); Toxic if swallowed (H301); Very toxic to aquatic life with long lasting effects (H410).

**Cobalt Compounds:** May cause cancer by inhalation (H350); May cause an allergic reaction (H317); May cause an allergic or asthma symptoms or breathing difficulties if inhaled (H334); May cause long lasting harmful effects to aquatic life (H413).

Obtain special instructions before use. (P201)

Avoid breathing dust/fume/gas/mist/vapors/spray. (P201)

### 3. Composition/Information on Ingredients:

**Substances:**

Mixture of the following chemicals:	Proprietary Ingredients (Mixture ) < 90%
	Proprietary Pigment (Mixture) < 20%
	Proprietary Cobalt Pigment (Mixture) < 10%
	Proprietary Cadmium Pigment (Mixture) < 10 %

*Regulation (EC) No. 1272/2008 (CLP)*

*Ingredients are marked according to CLP Regulation (CLP-Regulation (EC) No 1272/2008) and no workplace-related occupational exposure limits are specified for any of the listed ingredients. These ingredients are regarded as trade secrets.*

### 4. First Aid Measures

Inhalation	If affected, remove to fresh air. If symptoms persists, contact a physician. May cause an allergic or asthma symptoms or breathing difficulties if inhaled, if symptoms persist, contact a physician.
Skin Contact	Wash the affected area thoroughly with plenty of soap and water. May cause an allergic reaction, if symptoms persist, contact a physician.
Eye Contact	Carefully flush with water for 15 minutes, lifting the upper and lower lids until no evidence of product remains. If irritation occurs, contact a physician.
Ingestion	Do not induce vomiting. Contact a physician immediately. Rinse mouth with water. Ingested cadmium or nickel may lead to spontaneous vomiting.

### 5. Firefighting Measures

Extinguishing Media	Water, foam, carbon dioxide or dry chemical equipment.
Fire/Explosion Hazards	This product is not known to present any fire hazard.
Flashpoint/Flammability	This product is not known to be flammable.

### 6. Accidental Release Measures

Methods and Materials for Containment and Cleaning up	Contain spill. Recover as much as possible. Absorb remainder with an inert material. Place into closed container and store in a safe location to await disposal. Wash the spill area with soap and water.
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## Colors Containing Hazardous Compounds

**7. Handling and Storage**

Safe Handling	Use under ventilated conditions. Avoid eye and skin contact. For personal protection, we recommend that employees wash thoroughly after handling product. Always wash before eating, smoking or using toilet facilities. Keep container closed when not in use. <b>Keep container upright to prevent leakage.</b>
Environmental precautions	No product should be released to the environment. Keep container closed when not in use. Keep container upright to prevent leakage.
Storage	Keep the product in a cool dry ventilated area. Keep away from fire and heating sources. Store between 50-100 deg. F., ideally 70 deg. F.

**8. Exposure Controls/Personal Protection**

Personal Protective Equipment	Wear goggles where spills or splashing may occur. Wear water resistant impervious gloves if handling bulk amounts.
Exposure Limits	

Substance	OSHA PEL	NIOSH REL	ACGHI TLV
	8 hr TWA	Up to 10-hour TWA	8-hour TWA
	<i>(ST) STEL (c) Ceiling</i>		
Cadmium Dust	0.2 mg/m <sup>3</sup> ; 0.6 mg/m <sup>3</sup> (Acceptable Ceiling)	*IDHL : None established; NIOSH considers cadmium compounds to be potential occupational carcinogens as defined by the OSHA carcinogen policy [29 CFR 1990].	Refer to Cadmium
Cadmium Fume	0.1 mg/m <sup>3</sup> ; 0.3 mg/m <sup>3</sup> (Acceptable Ceiling)		
Cadmium compounds	0.005 mg/m <sup>3</sup>		
Cobalt Metal Dust and Fume	0.02 mg/m <sup>3</sup>	0.05 mg/m <sup>3</sup>	0.02 mg/m <sup>3</sup> (IHL)

Respiratory and Ventilation	Wear approved NIOSH/MSHA respirator if exposure to mist or vapor exceed applicable PEL/TLV limits. Use in accordance with manufacturer's use limitations and OSHA STANDARD 1910-34. Local ventilation may be used to prevent routine inhalation.
Skin Protection	Wear water resistant impervious gloves if handling bulk amounts.
Eye Protection	Wear goggles where spills or splashing may occur.

**9. Physical and Chemical Properties**

Appearance	Paste
Physical State	Thick liquid
Color	Various
Odor	Not determined
Odor Threshold	Not determined
Boiling Point	Not determined
Freezing Point	Not determined

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## Colors Containing Hazardous Compounds

State (pH)	Not determined
Specific Gravity	Not determined
Viscosity	Paste
Flashpoint	Not flammable
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Solubility in water	Miscible

### 10. Stability and Reactivity

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Avoid creating or accumulating dusts. Keep away from direct sunlight. Avoid high temperatures.
Incompatible materials	Strong oxidizing agents; acids.
Hazardous Decomposition Products	May give off toxic fumes in case of fire, including lead fumes. Decomposition products depend on conditions.

### 11. Toxicological Information

*Analytical Studies have not been performed on this particular mixture (all colors). The information below is based on data and toxicological review on the individual hazardous ingredients, proprietary ingredients and mode of application.*

When used and handled according to specifications, the product does not have any harmful effects.

Health Effects	Dried film of this paint may be harmful if eaten or chewed.
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*Acute Toxicity - The toxicity values listed below are based on published literature values for the pure components.*

Acute Toxicity	None known for this mixture. Cadmium - Oral: LD50 (Rat): 225 mg/kg LD50 (Mouse): 890 mg/kg Cadmium - Dermal: Not Available Cadmium - Inhalation: LC50 (Rat): 25 mg/kg - 30 mins Cobalt - Oral: LD50 (Rat): 6,170 mg/kg Cobalt - Dermal: Not Available Cobalt - Inhalation: LC50 (Rat): 10 mg/kg - 1 hour
Eye Effects	This product is not considered as being an eye irritant. Direct contact with eye may cause mild eye irritation. This product is not a primary skin irritant. <i>Pigment mixture compounds: May cause irritation or redness.</i>
Skin Effects	Direct contact with skin may result in little or no irritation. Prolonged contact with skin may cause an allergic reaction. This product is not a primary skin irritant. <i>Pigment mixture compounds: Prolonged contact may cause irritation or redness.</i>
Inhalation	May cause mild respiratory irritation at higher temperatures. <i>Pigment mixture compounds: Overexposure or prolonged exposure may be harmful.</i>
Sensitization	Not likely to occur.
Ingestion	Harmful if swallowed. May cause irritation of mouth, throat, and stomach. May result in nausea and vomiting.

*Colors Containing Hazardous Compounds*

Chronic Effects

**When used and handled according to specifications, the product does not have any harmful effects. None known or reported by the manufacturer.**

**Cadmium compounds**NTP

Known to be human carcinogen

IARC

Group 1: Carcinogenic to humans

ACGIH

A2: Suspected human carcinogen

OSHA

Listed

**Cobalt compounds**NTP

Reasonably anticipated to be a human carcinogen

IARC

Group 2B: Possible carcinogenic to humans

ACGIH

A3: Confirmed animal carcinogen

OSHA

Listed

**12. Ecological Information**

Toxicity:

Not expected to be harmful to the environment. No product should be released to the environment. It is not expected to have significant environmental effects. No significant effects on aquatic organisms are expected.

Aquatic toxicity

No information available for this mixture.

Persistence and degradability

No information available for this mixture.

Bioaccumulate potential

No information available for this mixture.

Mobility in soil

No information available for this mixture.

Persistent, Bioaccumulate and Toxic (PBT)

No information available for this mixture.

Very Persistent and Very Bioaccumulate (vPvB)

No information available for this mixture.

Additional ecological information

As a general rule, no product should be released to the environment. The product should not be allowed to enter drains, water courses, or be deposited where it can affect ground or surface water.

***When used and handled according to specifications, the product does not have any harmful effects according to past experience and the information provided.***

**13. Disposal Considerations**

Dispose of all waste material in accordance with all applicable federal, state and local regulations for the disposal of aqueous polymer waste. Outside North America, all relevant national and local legislation must be complied with.

**14. Transport Information****Art Material - CONSUMER PRODUCT****DOT**

This regulation does not apply to the non-bulk material.

**IMDG**

This regulation does not apply to the non-bulk material.

**ICAO/IATA**

This regulation does not apply to the non-bulk material.

*This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the materials.*

**15. Regulatory Information**

Safety, health and environmental regulations/legislation specific for the substance or mixture.



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## Colors Containing Hazardous Compounds

SARA	Not applicable to this mixture.
Section 355 (extremely hazardous substances)	Not applicable to this mixture.
Section 313 (specific toxic chemical listing)	Not applicable to this mixture.
TSCA (Toxic Substance Control Act)	All ingredients are listed.
<b>California Proposition 65</b>	<b>⚠ WARNING:</b> This product can expose you to chemicals including cadmium, cadmium compounds, cobalt, cobalt compounds, ethylene oxide, ethyl acrylate, trace heavy metals, hexachlorobenzene, polychlorinated biphenyls, which are known to the State of California to cause cancer, and which are known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .
Carcinogenicity categories	Refer to section 11
EPA (Environmental Protection Agency)	Not applicable to this mixture.
TLV (Threshold Limit Value established by ACGIH)	Not applicable to this mixture. Refer to section 8 for further information on individual substances of this mixture.
NIOSH (National Institute for Occupational Safety & Health)	Not applicable to this mixture.
OSHA (Occupational Safety & Health Administration)	Not applicable to this mixture.
MAK (German Maximum Workplace Concentration)	Not applicable to this mixture.

### 16. Other Information

#### Product List

#### Product No. & Color Description

038 Cadmium Orange

040 Cadmium Red

045 Cadmium Red Deep

050 Cadmium Red Light

060 Cadmium Yellow

063 Cadmium Yellow Deep

070 Cadmium Yellow Light

080 Cerulean Blue

090 Cobalt Blue

Reason for Issue:

NEW SDS

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*Colors Containing Hazardous Compounds*

The information contained in this Safety Data Sheet was compiled using the latest and most reliable information available to the preparer from the manufacturer. The information is provided without any warranty, express or implied regarding its correctness or accuracy nor will the manufacturer assume any liability for any loss or damage arising out of the use of this information including without limitation direct or indirect losses or expenses. To the extent permitted by law, no warranty expressed or implied regarding the product described herein shall be created by or inferred from any state or omission for this SDS. It is solely the responsibility of the user to determine safe conditions for use of this product and to assume liability for any loss, damage or expense whatsoever arising out of the product's improper use.

***Abbreviations and acronyms:***

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**NFPA (SCALE 0-4) National Fire Protection Association (USA)**

Health: 3

Health: 2

Fire: 0

Reactivity: 0

**Warning** - Corrosive or toxic. Avoid skin contact or inhalation.**Warning** - May be harmful if inhaled or absorbed.

No combustible.

Not reactive when mixed with water.

**HMIS (SCALE 0-4) Hazardous Materials Identification System (USA)**

Health: 2

Fire: 0

Physical Hazard: 0

**Moderate Hazard.** Temporary or minor injury may occur.**Slight Hazard.** Materials that will not burn.**Minimal Hazard.** Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-explosives.**Exposure Limits**

TWA - Time Weighted Average (8 hr.)

STEL - Short Time Exposure Limit (15 min.)

REL - Recommended Exposure Limit

PEL - Permissible Exposure Limit

IDLH - Immediately Dangerous to Life or

Health